

## **METAM SODIUM (OR POTASSIUM) USE DATA**

THE INFORMATION WILL BE USED TO REFINE AND REVISE EPA'S RISK ASSESSMENT

ARE YOU A GROWER? No ARE YOU A CUSTOM/COMMERCIAL APPLICATOR? No; Pest Control Advisor

Please fill out the following questionnaire as completely as possible for a **TYPICAL** season or application.

CROP Carrots, Potatoes & Peppers APPLICATION METHOD Sprinkler IRRIGATION METHOD Sprinkler  
(Please use a separate sheet for each crop or application method)

For a typical application, how many people are involved in mixing, loading, and application? 2

Are mixing, loading, and application usually done by the same individual? No

What worker protection equipment is commonly used? Non-venting goggles, half face respirator, coveralls, long sleeve shirt and pants, socks, chemical resistant gloves, chemical resistant boots.

How many **days per year** are the individuals doing the mixing, loading, and application handling Metam? 10

How many **hours per day** are these individuals handling Metam? Refer to comments

Typical area (acres) treated per day20 Maximum acres treated per day40

Typical application rate (lbs. of Active Ingredient/acre)256Maximum application rate288

Method of soil surface sealing Sealed with Sprinkler water cap.

For a typical field, what is the frequency of treatment? 1 x per year.

For a typical application, how many hours or days are required for Metam treatment? 8 hours x 4 days

What is the typical date of treatment? (Late October, early June, etc) July, August, October, November

How many days are there between Metam application and soil tillage or planting? 14 to 30

At application, what is the typical soil temperature? 80 What is the typical air temperature? Day96 Night72

What are the primary pests you are controlling with Metam? Nematodes, soil borne diseases

Other than Metam, what other pest management strategies do you use? None

(PLEASE TURN TO OTHER SIDE)

Please give a detailed description of the Metam application scenarios that may take place on your operation or under your supervision. Include approximate dates and times, number of people involved, types of equipment used. Give a detailed representation of where the people involved are during the operation and for how long. Give this scenario on a representative time line. i.e. applicators arrive at 7:00 AM with two tractors six workers and an applicator supervisor; irrigation equipment on sight was \_\_\_\_\_; and continue until the application is completed.

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The grower pre-irrigates the field with sprinklers 10-14 days prior to Metam application. 24 hours prior to the application a notice of intent is filed with the Kern County Agricultural Commissioner's office. The application may be denied by The Ag Commissioners office if the circumstances are deemed inappropriate. The local chemical dealer delivers an empty metam dedicated tank to the field. The tank is properly labeled with the manufactures label and MSDS. The local chemical dealer in compliance with DOT requirements delivers the Metam to the field. The Metam is unloaded into the bulk tank by the chemical dealer. The driver unloading the metam is suited up in the PPE listed on the label for mixing/loading. Unloading takes 10-15 minutes. The bulk tank is placed in a matter so an accidental release will drain into the area to be treated. An injection device with a metering device is connected to the tank via hoses. The metam is metered out at a flow rate to be applied evenly over an 8-hour application period. The individual calibrating the metering devise is suited up in the previously described PPE. The calibration takes 5 minutes. The field is properly posted as required by WPS and California law. Before the application will begin the sprinkler system is started and brought up to pressure. All sprinkler heads are checked for proper distribution pattern and sprinkler shields are installed to prevent water from going outside the treatment zone. Only after the sprinkler system is working properly the application will begin. A metam certified irrigator monitors the application outside the treatment :zone. If required to go into the field, the individual will wear the required PPE. The irrigator will be present outside the treatment zone for up to 10 hours. After the application is completed sprinkler applies 0.5-acre inches water cap. A separate metam certified ind ividual will monitor the field post application watching for any off site odor movement for 12 hours.

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